BILL NO. S-90-01-19

SPECIAL ORDINANCE NO. S-21-90

AN ORDINANCE approving the awarding of Reference #893 by the City of Fort Wayne, Indiana, by and through its Department of Purchasing and **TENNESSEE CHEMICAL COMPANY AND BONDED CHEMICALS, INC.** for the Water Filtration Plant.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA;

SECTION 1. That Reference #893 between the City of Fort Wayne, by and through its Department of Purchasing and **TENNESSEE CHEMICAL COMPANY AND BONDED CHEMICAL, INC.** for the Water Filtration Plant, respectfully for:

> **the purchase of ferric sulfate during 1990 for the Water Filtration Plant;**

involving a total cost of Eighty-Three Thousand Six Hundred Sixty-Nine and 40/100+/- Dollars ($83,669.40+/-)-(TENNESSEE CHEMICAL - $69,795.00+/-; BONDED CHEMICAL-$13,874.40+/-), all as more particularly set forth in said Reference #893 which is on file in the Office of the Department of Purchasing, and is by reference incorporated herein, made a part hereof, and is hereby in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Councilmember

APPROVED AS TO FORM
AND LEGALITY

J. Timothy McCaulay, City Attorney

REFERENCE NO. 893
FERRIC SULFATE
FILTRATION PLANT

ITEM	QTY	UNIT	TENNESSEE CHEM		BONDED		MIDLAND	HVC	JONES
FERRIC BULK	423	TON	$122.00	$51,606.00	N/B	$0.00	N/B	N/B	N/B
FRGHT RAIL	423	TON	$43.00	$18,189.00	N/B	$0.00	N/B	N/B	N/B
FERRIC BAG	80	TON	$145.00	$11,600.00	$145.00	$11,600.00	N/B	N/B	N/B
FRGHT TRUCK	80	TON	$30.80	$2,464.00	$28.43	$2,274.40	N/B	N/B	N/B

REF. NO.:	893
DEPT.:	FILTRATION PLANT
DATE:	1/2/90
ITEM/SERV.:	FERRIC SULFATE

PURCHASING INFORMATION

ADVERTISED BID:	YES
DATES ADVERTISED:	10/30/89 & 11/6/89
OPENING DATE:	11/21/89
WRITTEN QUOTE:	
DUE DATE:	
VERBAL QUOTE:	
SINGLE SOURCE:	
NO. OF VENDORS NOTIFIED:	28
NO. OF VENDORS RECEIVING BID:	10
NO. OF VENDORS RETURNING BID:	2
NO. OF VENDORS DISQUALIFIED:	0
NO. OF VENDORS NOT RESPONDING:	26
DATE SENT TO DEPT FOR RECOMM.:	11/21/89
DATE RECOMMENDATION REC'D IN PURCH:	1/2/90
COUNCIL INFORMATION	DATES SENT EXTENSION DATES
DATE INFO SENT TO LAW DEPT.:	1/2/90
INTRODUCTION DATE:	1/9/90
DISCUSSION DATE:	1/16/90
PASSAGE DATE:	1/23/90
ORDINANCE NO.:	

AMOUNT APPROVED AND/OR SPENT
LAST YEAR: (IF APPLICABLE)

REFERENCE NO. 893
FERRIC SULFATE
FILTRATION PLANT

ITEM	UNIT	TENNESSEE	BONDED	MIDLAND	HVC	JONES
FERRIC BULK	TON	$122.00	N/B	N/B	N/B	N/B
FRGHT TRUCK	TON	$45.50	N/B	N/B	N/B	N/B
DEMURRAGE	TON	N/B	N/B	N/B	N/B	N/B
FRGHT RAIL	TON	$43.00	N/B	N/B	N/B	N/B
DEMURRAGE	TON	N/B	N/B	N/B	N/B	N/B
FERRIC BAG	TON	$145.00	$145.00	N/B	N/B	N/B
FRGHT TRUCK	TON	$30.80	$28.43	N/B	N/B	N/B
DEMURRAGE	TON	N/B	N/B	N/B	N/B	N/B
FRGHT RAIL	TON	$43.00	N/B	N/B	N/B	N/B
DEMURRAGE	TON	N/B	N/B	N/B	N/B	N/B

FRONT PAGE/INVITATION TO BID
DEPARTMENT OF PURCHASING
CITY OF FORT WAYNE, ALLEN COUNTY, INDIANA
ONE MAIN STREET - ROOM 350
PHONE 219-427-1101

BID OPENING DATE 11-21-89 @ 11:00 AM BID REFERENCE # 893

SEALED BIDS SHOULD BE DELIVERED TO DEPARTMENT OF PURCHASING, ROOM 350, CITY-COUNTY BUILDING UP TO 11:00 A.M. ON OR BEFORE OPENING DATE.

SEALED BIDS WILL BE OPENED PUBLICLY AT 11:01 A.M. IN THE BOARD OF WORKS & SAFETY CONFERENCE ROOM ON THE THIRD FLOOR OF THE CITY-COUNTY BUILDING. "NO LATE BIDS WILL BE ACCEPTED AFTER 11:00 A.M. FOR ANY REASON WHATSOEVER".

THIS INVITATION FOR BID IS FOR FERRIC SULFATE & SODIUM CHLORITE REQUIREMENTS FOR 1990

AND REQUESTED BY THREE RIVERS FILTRATION PLANT

THIS BID REQUIRES A XXXXX 5% BID BOND, CERTIFIED OR CASHIER'S CHECK OF ALL BIDDERS.

THIS BID REQUIRES A _____ 100% PERFORMANCE BOND OF SUCCESSFUL BIDDER(S).

PROMPT PAYMENT DISCOUNTS WILL BE ALLOWED AS FOLLOWS: _____% IF PAID WITHIN _____ DAYS.

THIS INVITATION IS ISSUED TO ESTABLISH A CONTRACT TO SUPPLY THE CITY OF FORT WAYNE WITH A COMMODITY OR SERVICE IN ACCORDANCE WITH ACCOMPANYING SPECIFICATIONS.

THE EXECUTION HEREOF BY THE BIDDER IS ACCEPTANCE OF ALL TERMS AND CONDITIONS HEREIN AND IN THAT REGARD THE BIDDER AGREES TO BE BOUND BY SAME AND BE BOUND TO THE AMOUNT OF HIS/HER BID FOR A PERIOD OF NINETY (90) DAYS.

FIRM NAME Tennessee Chemical Company

STREET ADDRESS 3400 Peachtree Rd. Suite 401

CITY Atlanta, Georgia 30326 PHONE # (404) 239-6700

BY Edward J. Diehl
REPRESENTATIVE SIGNATURE

Edward J. Diehl
Vice President
Sales & Marketing

Prescribed by the State Board of Accounts

Form No. 95 (Revised 1987)

BID, OFFER OR PROPOSAL FOR SALE OR LEASE OF MATERIALS

(Defined at I.C. 36-1-2-9.5)
(Please type or print)

Date: 11-13-89

1. Governmental Unit: City of Fort Wayne, Dept. of Purchases
2. County:
3. Bidder (Firm): Tennessee Chemical Company
   Address: 3400 Peachtree Rd. N.E. Suite 401
   City/State: Atlanta, GA 30326
4. Telephone Number: (404) 239-6700
5. Agent of Bidder (If applicable): N/A

Pursuant to notices given, the undersigned offers bid(s) to Cy. of Ft. Wayne (Governmental Unit) in accordance with the following attachment(s) which specify the class or item number or description, quantity, unit, unit price and total amount.

The contract will be awarded by classes or items, in accordance with specifications. Any changes or alterations in the items specified will render such bid void as to that class or item. Bidder promises that he has not offered nor received a less price than the price stated in his bid for the materials included in said bid. Bidder further agrees that he will not withdraw his bid from the office in which it is filed. A certified check or bond shall be filed with each bid if required, and liability for breach shall be enforceable upon the contract, the bond or certified check or both as the case may be.

Edward J Diehl
Signature of Bidder or Agent

Edward J. Diehl
Vice President, Sls. & Marketing

BID OFFER OR PROPOSAL

Attach separate sheet listing each item bid based on specifications published by governing body. Following is an example of the bid format:

Class or Item	Quantity	Unit	Description	Unit Price	Amount

NON-COLLUSION AFFIDAVIT

STATE OF ~~INDIANA~~ Georgia)
) SS:
Fulton COUNTY)

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

Tennessee Chemical Co.
Bidder (Firm)

Edward J Diehl
Signature of Bidder or Agent E. J. Diehl

Subscribed and sworn to before me this 15TH day of November, 19 89

My Commission Expires: Notary Public, Fulton County, Georgia
My Commission Expires January 18, 1993.

County of Residence: FULTON

Helen W. Coulson
Notary Public

HELEN W. COULSON
Notary Public Printed Name

ACCEPTANCE

There now being sufficient unobligated appropriated funds available, the contracting authority of _____ (Governmental Unit) hereby accepts the terms of the attached bid for classes or items numbered _____ and promises to pay the undersigned bidder upon delivery the price quoted for the materials stipulated in said bid.

Date: _____

Contracting Authority Members:

_____ _____
_____ _____
_____ _____

COST FOR PRODUCT AND COST FOR SHIPPING MUST BE BID SEPARATELY

	COST TON PROD ONLY	FRGHT TRUCK	COST TON DEMURRAGE	FRGHT RAIL	COST TON DEMURRAGE	DEL.TI ARO
		M/W 52M		M/W 120M		
FERRIC SULFATE BULK	$122.00NT	$ 45.50NT	$	$43.00NT	$	*
		M/W 42M		M/W 100M		
FERRIC SULFATE BAG	$145.00NT	$ 30.80NT	$	$43.00NT	$	

FOB, Copperhill, TN

EST TOTAL USAGE ON ABOVE ITEMS, 423 TON

SODIUM CHLORITE	$	$	$	$	$	

EST TOTAL USAGE ON ABOVE ITEM, 16 TON

*Rail: Approx. 10 days
Truck: " 3 days

Terms: Net 30 days

Pallets: $7.50 ea.

TERM OF AGREEMENT FROM TIME OF AWARD THRU DECEMBER 31, 1990

Price for product is firm for 90 days with quarterly price protection thereafter. Any change in freight rate is for buyer's account.

Enclosed are bid deposit check for $3,067.00, typical analysis and MSDS. One-pound sample of product has been sent separately.

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME	Tennessee Chemical Company	REGULAR TELEPHONE NO.	(404) 239-6700
		EMERGENCY TELEPHONE NO.	Chemtrec 800-424-9300
ADDRESS	3400 Peachtree Rd. NE, Suite 401 Atlanta, Georgia 30326		
TRADE NAME	Ferri-Floc		
SYNONYMS	Ferric Sulfate		
SHIPPING NAME[1]	DOT: Bags: Ferric Sulfate (Ferri-Floc) Not otherwise regulated. Bulk: Hazardous substance Solid n.o.s.		
	IATA: (Ferric sulfate) ORM-E NA 9188 RQ		

II HAZARDOUS INGREDIENTS[2]

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
Ferric sulfate	100-28-22-5	89.0	Health Hazard: Product is corrosive to the eye, is
Residual sulfuric acid *	7664-93-9	<3.0	not toxic dermally nor by inhalation or orally, may
			irritate the skin and mucous membranes.
* Reportable under SARA of 1986 Title III			Aquatic Toxicity: Product is listed as toxic to aquatic
Sec. 313 and 40 CFR Part 372			life. Category C. 40 CFR Parts 116 - 118.
			PEL = 1 mg/m^3 TWA as iron for soluble iron salts.

III PHYSICAL DATA

BOILING POINT, 760 MM HG	N.A. *	MELTING POINT	N.A.
SPECIFIC GRAVITY (H_2O = 1)	56- 60 lbs/ft^3	VAPOR PRESSURE	N.A.
VAPOR DENSITY (AIR = 1)	N.A.	SOLUBILITY IN H_2O % BY WT	55% by weight
% VOLATILES BY VOL.	None	EVAPORATION RATE (BUTYL ACETATE = 1)	N.A.
APPEARANCE AND ODOR	Grey to brown dry powder to granule.	Ph (AS IS) Ph (1% SOLN.)	N.A. - dry powder (distilled water pH 4.8) a 1% wgt. solution in distilled water has pH 2.1.

IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	None		AUTOIGNITION TEMPERATURE	None known	
FLAMMABLE LIMITS IN AIR, % BY VOL.		LOWER	N.A.	UPPER	N.A.
EXTINGUISHING MEDIA	Product does not burn. If product is present in a fire, water, CO_2, or dry chemical may be used.				
SPECIAL FIRE FIGHTING PROCEDURES	If water is used, the product is water soluble and water may be acid, and water should not be allowed to enter a navigable stream. At temperatures above 600° C, product decomposes to iron oxide and sulfur trioxide.				
UNUSUAL FIRE AND EXPLOSION HAZARD	None known.				

1. See references 1 and 2 2. See instructions and references 1 to 8.

* N.A. = Not Applicable

VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

None known.

INCOMPATIBILITY None known. Product is highly water soluble and solution is highly corrosive to mild steel, copper, copper alloys, and galvanized steel. Strong solutions may be corrosive to paints, enamels, and concrete.

HAZARDOUS DECOMPOSITION PRODUCTS

None normally. At temperatures above 600° C, sulfur trioxide may be released.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

None known.

VII DISPOSAL, SPILL OR LEAK PROCEDURES

ACUATIC TOXICITY (E.G. 96 HR. TLM):

No data are known to be available. EPA has rated product in Category C in the Water Programs hazardous substances list in 40 CFR Parts 116 - 118.

WASTE DISPOSAL METHOD

Remove dry product to approved land fill. If solution, neutralize with lime, soda ash, or bicarbonate and remove to approved land fill.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

If spill is dry product, sweep up spill and dispose in approved land fill and wash down spill area with water. If spill is a solution containing product, neutralize and remove to approved land fill. Wash down spill area with water. Check with waste treatment plant before flushing down large amounts of spilled product.

NEUTRALIZING CHEMICALS

Lime, soda ash, or bicarbonate.

VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Product is a soluble iron acid dust. Normal ventilation is suggested as product is irritating to the eyes, skin and mucous membranes. If sufficient product is placed in eye, it may be corrosive to the eye. The 8 hr. TWA-PEL is 1 mg/m^3 as iron.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL) A chemical dust mask is recommended.

EYE Chemical goggles are recommended when handling product because dust is irritating and corrosive if in eyes.

GLOVES Chemical or rubber gloves may be worn. Product is irritating to the skin but is not toxic dermally.

OTHER CLOTHING AND EQUIPMENT

No other special clothing or equipment than normally used.

April, 1985

FERRI-FLOC ®

FERRIC SULFATE -- PARTIALLY HYDRATED

Typical Chemical Analysis

Water Soluble Iron Expressed as Fe	20.9%
Water Soluble Fe^{+++}	19.4%
Water Soluble Fe^{++}	1.5%
Insolubles Total	5.5%
Free Acid	2.7%
Moisture	3.5%

Typical Screen Analysis

Through 20 mesh	50.0%

FER

TENNESSEE CHEMICAL COMPANY

BASIC PRODUCERS OF COPPER, SULFUR, AND IRON COMPOUNDS

3400 Peachtree Road, N.E., Suite 401, Atlanta, Georgia 30326 Telephone 404) 239-6700 EasyLink 62029835 Telex 881003
Western Region - 553 Clark Street, Pittsburg, California 94565 - Phone (415) 439-1016

FRONT PAGE/INVITATION TO BID
DEPARTMENT OF PURCHASING
CITY OF FORT WAYNE, ALLEN COUNTY, INDIANA
ONE MAIN STREET - ROOM 350
PHONE 219-427-1101

BID OPENING DATE 11-21-89 @ 11:00 AM BID REFERENCE # 893

SEALED BIDS SHOULD BE DELIVERED TO DEPARTMENT OF PURCHASING, ROOM 350, CITY-COUNTY BUILDING UP TO 11:00 A.M. ON OR BEFORE OPENING DATE.

SEALED BIDS WILL BE OPENED PUBLICLY AT 11:01 A.M. IN THE BOARD OF WORKS & SAFETY CONFERENCE ROOM ON THE THIRD FLOOR OF THE CITY-COUNTY BUILDING. "NO LATE BIDS WILL BE ACCEPTED AFTER 11:00 A.M. FOR ANY REASON WHATSOEVER".

THIS INVITATION FOR BID IS FOR FERRIC SULFATE & SODIUM CHLORITE REQUIREMENTS FOR 1990

AND REQUESTED BY THREE RIVERS FILTRATION PLANT

THIS BID REQUIRES A XXXXX 5% BID BOND, CERTIFIED OR CASHIER'S CHECK OF ALL BIDDERS.

THIS BID REQUIRES A _____ 100% PERFORMANCE BOND OF SUCCESSFUL BIDDER(S).

PROMPT PAYMENT DISCOUNTS WILL BE ALLOWED AS FOLLOWS: 0 % IF PAID WITHIN 30 DAYS.

THIS INVITATION IS ISSUED TO ESTABLISH A CONTRACT TO SUPPLY THE CITY OF FORT WAYNE WITH A COMMODITY OR SERVICE IN ACCORDANCE WITH ACCOMPANYING SPECIFICATIONS.

THE EXECUTION HEREOF BY THE BIDDER IS ACCEPTANCE OF ALL TERMS AND CONDITIONS HEREIN AND IN THAT REGARD THE BIDDER AGREES TO BE BOUND BY SAME AND BE BOUND TO THE AMOUNT OF HIS/HER BID FOR A PERIOD OF NINETY (90) DAYS.

FIRM NAME BONDED CHEMICALS, INC.

STREET ADDRESS 200 SOUTHJACKSON STREET

CITY LIMA, OHIO PHONE # (419) 227-1816

BY Paul W. Cochran
REPRESENTATIVE SIGNATURE
PAUL W. COCHRAN, GENERAL MANAGER

Prescribed by the State Board of Accounts

Form No. 95 (Revised 1987)

BID, OFFER OR PROPOSAL FOR SALE OR LEASE OF MATERIALS

(Defined at I.C. 36-1-2-9.5)
(Please type or print)

Date: 11/20/89

1. Governmental Unit: BOARD OF WORKS & SAFETY,
2. County: CITY OF FORT WAYNE, INDIANA
3. Bidder (Firm): BONDED CHEMICALS, INC.
   Address: 200 SOUTH JACKSON STREET
   City/State: LIMA, OHIO 45804
4. Telephone Number: (419) 227-1816
5. Agent of Bidder (If applicable): DON E. BURGER

Pursuant to notices given, the undersigned offers bid(s) to CITY OF FORT WAYNE (Governmental Unit) in accordance with the following attachment(s) which specify the class or item number or description, quantity, unit, unit price and total amount.

The contract will be awarded by classes or items, in accordance with specifications. Any changes or alterations in the items specified will render such bid void as to that class or item. Bidder promises that he has not offered nor received a less price than the price stated in his bid for the materials included in said bid. Bidder further agrees that he will not withdraw his bid from the office in which it is filed. A certified check or bond shall be filed with each bid if required, and liability for breach shall be enforceable upon the contract, the bond or certified check or both as the case may be.

Paul W. Cochran
Signature of Bidder or Agent
PAUL W. COCHRAN, GENERAL AMANGER

BID OFFER OR PROPOSAL

Attach separate sheet listing each item bid based on specifications published by governing body. Following is an example of the bid format:

Class or Item	Quantity	Unit	Description	Unit Price	Amount

NON-COLLUSION AFFIDAVIT

STATE OF INDIANA) OHIO
) SS:
ALLEN COUNTY)

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

BONDED CHEMICALS, INC.
Bidder (Firm)
Paul W. Cochran
Signature of Bidder or Agent

Subscribed and sworn to before me this 20th day of November, 19 89

My Commission Expires: 2/13/90

County of Residence: ALLEN COUNTY, OHIO

Laura R. Widener
Notary Public LAURA R. WIDENER

LAURA R. WIDENER NOTARY PUBLIC, STATE OF OHIO
My Commission Expires Feb. 13, 1990
Notary Public Printed Name

ACCEPTANCE

There now being sufficient unobligated appropriated funds available, the contracting authority of _____ (Governmental Unit) hereby accepts the terms of the attached bid for classes or items numbered _____ and promises to pay the undersigned bidder upon delivery the price quoted for the materials stipulated in said bid.

Date: _____

Contracting Authority Members:

_____ _____
_____ _____
_____ _____

COST FOR PRODUCT AND COST FOR SHIPPING MUST BE BID SEPARATELY

	COST TON PROD ONLY	FRGHT TRUCK	COST TON DEMURRAGE	FRGHT RAIL	COST TON DEMURRAGE	DEL.TI ARO
FERRIC SULFATE BULK	$ NO BID	$	$	$	$	
FERRIC SULFATE BAG	$ 145.00/TON	$ 28.43/TON*	$ -0-	$ NO BID	$	5 DAYS

*21 TON MIN DEL.

EST TOTAL USAGE ON ABOVE ITEMS, 423 TON

SODIUM CHLORITE	$ NO BID	$	$	$	$	

EST TOTAL USAGE ON ABOVE ITEM, 16 TON

PRICE WILL REMAIN FIRM THROUGH 3/31/90 WITH QUARTERLY PROTECTION THEREAFTER

TERM OF AGREEMENT FROM TIME OF AWARD THRU DECEMBER 31, 1990

The Ohio Casualty Insurance Company

HAMILTON, OHIO

BID OR PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, That we, BONDED CHEMICALS, INC.

(hereinafter called the Principal) as Principal, and THE OHIO CASUALTY INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, with its principal office in the City of Hamilton, Ohio (hereinafter called the Surety) and licensed to do business in the State of as Surety, are held and firmly bound unto

CITY OF FORT WAYNE,INDIANA

(hereinafter called the Obligee) in the penal sum of THREE THOUSAND SIXTY-SEVEN AND 00/100---- Dollars ($3,067.00----)

lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas, the Principal has submitted the accompanying bid, dated November 21 19 89 , for

FERRIC SULFATE

NOW, THEREFORE, if the Obligee shall make any award according to the terms of said bid and the Principal shall enter into a contract with said Obligee in accordance with the terms of said bid and give bond for the faithful performance thereof within the time specified; or if no time is specified within thirty days after the date of said award; or if the Principal shall, in the case of failure so to do, indemnify the Obligee against any loss the Obligee may suffer directly arising by reason of such failure, not exceeding the penalty of this bond, then this obligation shall be null and void: otherwise to remain in full force and virtue.

Signed, Sealed and Dated this 20th day of November, 19 89.

BONDED CHEMICALS, INC.
(Principal)

By Carl W. Cochran

THE OHIO CASUALTY INSURANCE COMPANY

By Karen Sutherland
Attorney-in-Fact

CERTIFIED COPY OF POWER OF ATTORNEY

THE OHIO CASUALTY INSURANCE COMPANY

HOME OFFICE, HAMILTON, OHIO

No. 21-890

Know All Men by These Presents: That THE OHIO CASUALTY INSURANCE COMPANY, in pursuance of authority granted by Article VI, Section 7 of the By-Laws of said Company, does hereby nominate, constitute and appoint: L. A. Whitney, James C. Georgakas, Judith A. Miller, Donald H. Driskell, Shirley Nixon, Karron Sutherland, G. Phillip Klum, James E. Paxson, of Dayton, Ohio - - - - - - - - - - - Jerry H. Gordley or Richard E. Rose - - - - - - - - - - its true and lawful agent and attorney -in-fact, to make, execute, seal and deliver for and on its behalf as surety, and as its act and deed any and all BONDS, UNDERTAKINGS, and RECOGNIZANCES, not exceeding in any single instance

FIVE MILLION - ($5,000,000.00 - -) Dollars, excluding, however, any bond(s) or undertaking(s) guaranteeing the payment of notes and interest thereon

And the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Hamilton, Ohio, in their own proper persons.

The authority granted hereunder supersedes any previous authority heretofore granted the above named attorney(s)-in-fact.

SEAL

In WITNESS WHEREOF, the undersigned, officer of the said The Ohio Casualty Insurance Company has hereunto subscribed his name and affixed the Corporate Seal of the said The Ohio Casualty Insurance Company this 26th day of August 19 85.

(Signed) Thomas W. Hildebrand
Asst. Secretary

STATE OF OHIO, COUNTY OF BUTLER } SS.

On this 26th day of August A. D. 19 85 before the subscriber, a Notary Public of the State of Ohio, in and for the County of Butler, duly commissioned and qualified, came Thomas W. Hildebrand, Asst. Secretary - - of THE OHIO CASUALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in, and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn deposeth and saith, that he is the officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

NOTARIAL SEAL BUTLER COUNTY, OHIO

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal at the City of Hamilton, State of Ohio, the day and year first above written.

(Signed) Dorothy Bilzo
Notary Public in and for County of Butler, State of Ohio

My Commission expires December 24, 1986.

This power of attorney is granted under and by authority of Article VI, Section 7 of the By-Laws of the Company, adopted by its directors on April 2, 1954, extracts from which read:

"ARTICLE VI"

"Section 7. **Appointment of Attorney-in-Fact, etc.** The chairman of the board, the president, any vice-president, the secretary or any assistant secretary shall be and is hereby vested with full power and authority to appoint attorneys-in-fact for the purpose of signing the name of the Company as surety to, and to execute, attach the corporate seal, acknowledge and deliver any and all bonds, recognizances, stipulations, undertakings or other instruments of suretyship and policies of insurance to be given in favor of any individual, firm, corporation, or the official representative thereof, or to any county or state, or any official board or boards of county or state, or the United States of America, or to any other political subdivision."

This instrument is signed and sealed by facsimile as authorized by the following Resolution adopted by the directors of the Company on May 27, 1970:

"RESOLVED that the signature of any officer of the Company authorized by Article VI Section 7 of the by-laws to appoint attorneys in fact, the signature of the Secretary or any Assistant Secretary certifying to the correctness of any copy of a power of attorney and the seal of the Company may be affixed by facsimile to any power of attorney or copy thereof issued on behalf of the Company. Such signatures and seal are hereby adopted by the Company as original signatures and seal, to be valid and binding upon the Company with the same force and effect as though manually affixed."

CERTIFICATE

I, the undersigned Assistant Secretary of The Ohio Casualty Insurance Company, do hereby certify that the foregoing power of attorney, Article VI Section 7 of the by-laws of the Company and the above Resolution of its Board of Directors are true and correct copies and are in full force and effect on this date.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Company this 20th day of Nov A.D., 19 89

SEAL

Thomas W. Hildebrand
Assistant Secretary

S-4300-C 12-80-3M

TECHNICAL DATA

April, 1985

FERRI-FLOC

FERRIC SULFATE -- PARTIALLY HYDRATED

Typical Chemical Analysis

Water Soluble Iron Expressed as Fe	20.9%
Water Soluble Fe^{+++}	19.4%
Water Soluble Fe^{++}	1.5%
Insolubles Total	5.5%
Free Acid	2.7%
Moisture	3.5%

Typical Screen Analysis

Through 20 mesh	50.0%

FER

TENNESSEE CHEMICAL COMPANY

BASIC PRODUCERS OF COPPER, SULFUR, AND IRON COMPOUNDS

3400 Peachtree Road, N.E., Suite 401, Atlanta, Georgia 30326 Telephone (404) 239-6700 EasyLink 62029635 Telex 981036
Western Region - 553 Clark Street, Pittsburg, California 94565 - Phone (415) 439-1016

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME	Tennessee Chemical Company	REGULAR TELEPHONE NO. (404) 233-6811 EMERGENCY TELEPHONE NO. Chemtrec 800-424-9300	
ADDRESS	3475 Lenox Rd. NE, Suite 670 Atlanta, Georgia 30326		
TRADE NAME	Ferri-Floc		
SYNONYMS	Ferric Sulfate		
SHIPPING NAME[1]	DOT: Ferric sulfate, crude NA 9121 ORM-E RQ=1000 lbs.		
	IATA:		

II HAZARDOUS INGREDIENTS[2]

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
Ferric sulfate	100-28-22-5	89.0	Health hazard: Product is corrosive to the eye, is not toxic dermally nor by inhalation or orally, and does not irritate the skin. Aquatic toxicity: Product is listed as toxic to aquatic life, Category C. 40 CFR Parts 116 - 118. TLV-TWA (Nuisance dust) 5 mg/m^3 respirable dust, 10 mg/m^3 total dust. (OSHA and ACGIH)
Residual sulfuric acid	7664-93-9	2.7	

III PHYSICAL DATA

BOILING POINT, 760 MM HG	N.A. *	MELTING POINT	N.A.
SPECIFIC GRAVITY (H_2O = 1)	56 - 60 lbs/ft^3	VAPOR PRESSURE	N.A.
VAPOR DENSITY (AIR = 1)	N.A.	SOLUBILITY IN H_2O % BY WT	55% by weight
% VOLATILES BY VOL.	None	EVAPORATION RATE (BUTYL ACETATE = 1)	N.A.
APPEARANCE AND ODOR	Grey to brown dry powder to granule.	Ph (AS IS) N.A. - dry powder Ph (1% SOLN.) (distilled water pH 4.8) a 1% wgt. solution in distilled water has pH 2.1.	

IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	None	AUTOIGNITION TEMPERATURE	None known
FLAMMABLE LIMITS IN AIR, % BY VOL.	LOWER: N.A.	UPPER: N.A.	
EXTINGUISHING MEDIA	Product does not burn. If product is present in a fire, water, CO_2, or dry chemical may be used.		
SPECIAL FIRE FIGHTING PROCEDURES	If water is used, the product is water soluble and water may be acid, and water should not be allowed to enter a navigable stream. At temperatures above 600° C, product decomposes to iron oxide and sulfur trioxide.		
UNUSUAL FIRE AND EXPLOSION HAZARD	None known.		

1. See references 1 and 2 2. See instructions and references 1 to 8.

* N.A. = Not Applicable

CONDITIONS CONTRIBUTING TO INSTABILITY

None known.

INCOMPATIBILITY — None known. Product is highly water soluble and solution is highly corrosive to mild steel, copper, copper alloys, and galvanized steel. Strong solutions may be corrosive to paints, enamels, and concrete.

HAZARDOUS DECOMPOSITION PRODUCTS

None normally. At temperatures above 600° C, sulfur trioxide may be released.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

None known.

VII DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY (E.G. 96 HR. TLM):

No data are known to be available. EPA has rated product in Category C in the Water Programs hazardous substances list in 40 CFR Parts 116 - 118.

WASTE DISPOSAL METHOD

Remove dry product to approved land fill. If solution, neutralize with lime, soda ash, or bicarbonate and remove to approved land fill.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

If spill is dry product, sweep up spill and dispose in approved land fill and wash down spill area with water. If spill is a solution containing product, neutralize and remove to approved land fill. Wash down spill area with water. Check with waste treatment plant before flushing down large amounts of spilled product.

NEUTRALIZING CHEMICALS

Lime, soda ash, or bicarbonate.

VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Product is a nuisance acid dust. Normal ventilation is suggested as product is irritating to the eyes and mucous membranes. If sufficient product is placed in eye, it may be corrosive to the eye.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL) — While not required, a chemical dust mask is suggested.

EYE — Chemical goggles are recommended when handling product because dust is irritating and corrosive if in eyes.

GLOVES — Chemical or rubber gloves may be worn. Product is not irritating to the skin, nor is it toxic dermally.

OTHER CLOTHING AND EQUIPMENT

No other special clothing or equipment than normally used.

DIGEST SHEET

S-90-01-19

TITLE OF ORDINANCE: Special

DEPARTMENT REQUESTING ORDINANCE: Purchasing

SYNOPSIS OF ORDINANCE: An ordinance approving the award of Reference No. 893 for ferric sulfate for the Filtration Plant for 1990. The costs reflect the lowest and most responsive of two (2) vendors.

EFFECT OF PASSAGE: This material is used to treat the drinking water.

EFFECT OF NON-PASSAGE: Drinking water could not be treated properly.

MONIES INVOLVED:	Tennessee Chem	$69,795.00 +/-
	Bonded Chemical	$13,874.40 +/-
PRICE AGREEMENT:	Yes	
PURCHASE ORDER:		
SOURCE OF FUNDING:	Filtration Pl	513-523-W154-4254
		010-021-OFFC-4213

PRIOR APPROVAL: DATE:
(IF APPLICABLE)

BILL NO. S-90-01-19

REPORT OF THE COMMITTEE ON CITY UTILITIES

PAUL M. BURNS, CHAIRMAN
MARK E. GiaQUINTA, VICE CHAIRMAN
HENRY, LONG, TALARICO

WE, YOUR COMMITTEE ON CITY UTILITIES TO WHOM WAS

REFERRED AN (ORDINANCE) ~~(RESOLUTION)~~ approving the awarding of Reference #893 by the City of Fort Wayne, Indiana, by and through its Department of Purchasing and TENNESSEE CHEMICAL COMPANY AND BONDED CHEMICALS, INC. for the Water Filtration Plant

HAVE HAD SAID (ORDINANCE) ~~(RESOLUTION)~~ UNDER CONSIDERATION AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID (ORDINANCE) ~~(RESOLUTION)~~

DO PASS	DO NOT PASS	ABSTAIN	NO REC

DATED: 1-23-90.

Sandra E. Kennedy
City Clerk

Read the first time in full and on motion by Burns, seconded by Talarico, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Conference ~~Room 128, City-County~~ Building, Fort Wayne, Indiana, on _____, the _____, day of _____, 19____, at _____ o'clock ____.M.,E.S.T.

DATED: 1-9-90

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Read the third time in full and on motion by Burns, seconded by Bradbury, and duly adopted, placed on its passage. PASSED ~~LOST~~ by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT
TOTAL VOTES	9			
BRADBURY	✓			
BURNS	✓			
EDMONDS	✓			
GiaQUINTA	✓			
HENRY	✓			
LONG	✓			
REDD	✓			
SCHMIDT	✓			
TALARICO	✓			

DATED: 1-23-90.

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as ~~(ANNEXATION)~~ ~~(APPROPRIATION)~~ ~~(GENERAL)~~ ~~(SPECIAL)~~ ~~(ZONING MAP)~~ ORDINANCE RESOLUTION NO. S-31-90 on the 23rd day of January, 19 90,

ATTEST: Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

SEAL
Charles S. Redd
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 24th day of January, 19 90, at the hour of 11:00 o'clock A.M.,E.S.T.

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Approved and signed by me this 28th day of January, 19 90, at the hour of 3:45 o'clock P.M.,E.S.T.

PAUL HELMKE, MAYOR